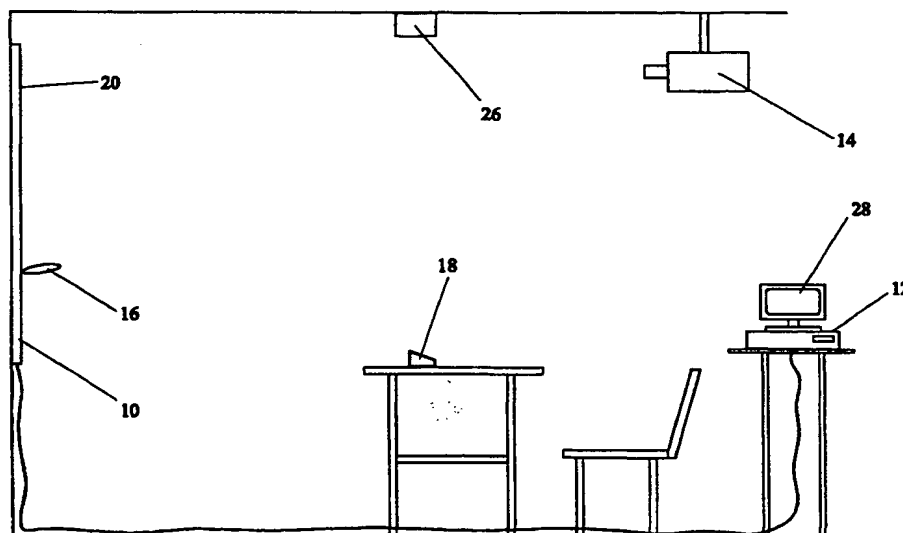




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : G06F 3/033, G09B 5/06, 5/14	A1	(11) International Publication Number: WO 00/42494 (43) International Publication Date: 20 July 2000 (20.07.00)
(21) International Application Number: PCT/GB00/00012 (22) International Filing Date: 5 January 2000 (05.01.00) (30) Priority Data: 9900555.5 13 January 1999 (13.01.99) GB (71) Applicant (for all designated States except US): TDS CAD GRAPHICS LIMITED [GB/GB]; Lower Philips Road, Blackburn BB1 5TH (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): OAKLEY, Andrew, Robert [GB/GB]; 144 Revidge Road, Blackburn BB2 6EB (GB). JOSCELYNE, Ian, Spencer [GB/GB]; 11 Ribble House, Sarnation Fold, Ribchester, Preston PR3 3YG (GB). UNSWORTH, Peter [GB/GB]; Patchwork Cottage, 5 Mount Pleasant, Townend, Slaidburn BB7 3EP (GB). (74) Agents: NEIL, Alastair, William et al.; Appleyard Lees, 15 Clare Road, Halifax (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: INTERACTIVE DISPLAY SYSTEM**(57) Abstract**

An interactive display system comprises a white board (10) which communicates with a PC (12). A projector (14) receives signals from the PC (12) which are translated into corresponding projection image which is projected on to the white board (10). The image projected on to the white board (10) is the same as that shown on a computer screen (28). By using an electronic pen (16) the position of which can be detected electronically by means of a plurality of wires embedded beneath the surface of the white board (10) and using methods already known in the art, the electronic pen can function in the same way as a computer mouse. The image projected on to the white board (10) may also be manipulated by means of a remote control device (18), which uses infra red communication to transmit signals to a transponder (20) built within the white board (10).